## JC04 Rec'd PCT/PTO 17 OCT 2005

PTO-1390 (Rev. 07-2005)
Approved for use through 3/31/2007. OMB 0651-0021
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TRANSMITTAL LETTER TO THE UNITED STATES		ATTORNEY'S DOCKET NUMBER		
DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		U.S. APPLICATION NO (IFF 1.5)		
		DESCRIPTION OF A STATE		
	APPLICATION NO. INTERNATIONAL FILING DATE 004 050457 4152004	PRIORITY DATE CLAIMED 4/17-12 003		
TITLE OF INVENTION Aluminium - wettable carbon - based body				
APPLICANT(S) FOR DO/EO/US				
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:				
This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.				
2. This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.				
3. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.				
4. The US has been elected (Article 31).				
5. A copy of the International Application as filed (35 U.S.C. 371(c)(2))				
a. is attached hereto (required only if not communicated by the International Bureau).				
b. 🗹 has been communicated by the International Bureau.				
с. 🗆	c. is not required, as the application was filed in the United States Receiving Office (RO/US).			
6. An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).				
a. 🗆	a. is attached hereto.			
ъ. С	b. has been previously submitted under 35 U.S.C. 154(d)(4).			
7. Amend	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))			
a. C	a. are attached hereto (required only if not communicated by the International Bureau).			
ь. 🗀	b. have been communicated by the International Bureau.			
c. have not been made; however, the time limit for making such amendments has NOT expired.				
d. C	d. have not been made and will not be made.			
8. An En	glish language translation of the amendments to the claims under PCT Art	icle 19 (35 U.S.C. 371(c)(3)).		
9. 🛂 An oath	or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).			
	lish language translation of the annexes of the International Preliminary E. 36 (35 U.S.C. 371(c)(5)).	xamination Report under PCT		
Items 11 to 20 below concern document(s) or information included:				
11. An Info	rmation Disclosure Statement under 37 CFR 1.97 and 1.98.			
12. An assi	ignment document for recording. A separate cover sheet in compliance wit	th 37 CFR 3.28 and 3.31 is included.		
13. A prelin	ninary amendment.			
14. An App	lication Data Sheet under 37 CFR 1.76.			
15. A subs	titute specification.			
16. A powe	er of attorney and/or change of address letter.			
17. A comp	outer-readable form of the sequence listing in accordance with PCT Rule 1	3ter.2 and 37 CFR 1.821- 1.825.		
18. A secon	nd copy of the published International Application under 35 U.S.C. 154(d)(	4).		
19. A seco	nd copy of the English language translation of the international application	under 35 U.S.C. 154(d)(4).		

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. Page 1 of 3

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TBD   FF72   9   PCT/1 B 2 004   0 5 ° 457   M 0 L 0 6 7 5   20. Other items or information:	
The following fees have been submitted  CALCULATIONS PTO USE  CALCULATIONS PTO USE  CALCULATIONS PTO USE	
The following fees have been submitted  CALCULATIONS PTO USE  CALCULATIONS PTO USE  CALCULATIONS PTO USE	
The following fees have been submitted CALCULATIONS PTO USE	
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21. Basic national fee (37 CFR 1.492(a))\$300	ONLY
22. Examination fee (37 CFR 1.492(c))	
If the written opinion prepared by ISA/US or the international preliminary examination report prepared \$ 200	
by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)\$0 All other situations\$200	
23. Search fee (37 CFR 1.492(b))	
If the written opinion of the ISA/US or the international preliminary examination report prepared by	
IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)	
International Searching Authority	
International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB	
900	
Additional fee for specification and drawings filed in paper over 100 sheets (excluding	
sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)).	
The fee is \$250 for each additional 50 sheets of paper or fraction thereof.	
Total Sheets Extra Sheets Number of each additional 50 or fraction RATE thereof (round up to a whole number)	
- 100 = /50 = × \$250 \$	
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).	
CLAIMS NUMBER FILED NUMBER EXTRA RATE \$	
Total claims 34 - 20 = 14 x \$50 \$ \$750	
Independent claims   -3 =	
MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$360 \$	
TOTAL OF ABOVE CALCULATIONS = \$ 18500	
Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.	
SUBTOTAL = \$	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).	
TOTAL NATIONAL FEE = \$ \$ \$ \$ \$ \$	_
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property \$	
TOTAL FEES ENCLOSED = \$	
Amount to be refunded:	
Totuniou.	

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A check in the amount of \$\_ \_ to cover the above fees is enclosed. Please charge my Deposit Account No. 50-4712 in the amount of \$ \_ to cover the above fees. A duplicate copy of this sheet is enclosed. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. \_\_\_\_\_\_. A duplicate copy of this sheet is enclosed. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status. SEND ALL CORRESPONDENCE TO: J. Deshmukh 458 Cherry Hill Rd. Princeton, NJ 08540-7616 REGISTRATION NUMBER